List & Label 14

Breaking the Boundaries

combit®

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What has a lime to do with a report generator?

List & Label is refreshingly different, easy to handle, universally applicable and absolutely vital for your application. Or perhaps we just liked the color? ;-)

My tip: have a look at the movies, then go ahead and test the free trial – for 30 days and with complete functionality. Why not start with one of the provided examples?

Kind regards and wishing you success,

Yours Christiane Kördel
Managing Director
combit GmbH

Reporting-Tool List & Label 14: Breaking the boundaries

Fast and simple: embed it in your program with just a few lines of code. Then enjoy a multitude of exciting reporting features.

- Reports, subreports, lists, multi tables
- Crosstabs
- Diagrams, charts
- Forms, labels
- Print, preview, export
- Web reporting

Top-level product!
Rating: „Excellent"
"List & Label has been made with a lot of love and facilitates the developer's work"
PC Magazin

PC Magazin TOP-PRODUKT SEHR GUT www.pc-magazin.de 2/2008

„Report Royale"
„Another advantage is database independence"
dot.net magazin

dot.net magazin

"In the meantime, List & Label has maintained its position in the programming sector for almost 15 years."
DOTNETPRO

DOTNETPRO

Your Benefits at a Glance

Designer included for end users

For most desktop applications, runtime available without extra license fees :: Also included in server/web server applications (Enterprise Edition)

... More on pages 4 and 8

Flexibility and full control

Custom data fields and database fields can be combined as you want :: Components or DLL :: Data binding or independent of database

... More on page 5

Integrate quickly as component

Apply in 3 steps taking only 5 minutes with .NET: Drag component to form :: Set properties using Smart Tags :: Start printing/design

... More on pages 5 and 7

Simple to redistribute

Without database driver :: slim :: saves on resources

... More on page 5

Something to suit everyone

Either as subscription including support or as a Standard license

... More on page 22

German engineering

Quick help :: The best know-how from German software specialists

... More on page 22

Multiple awards

Available on the market for over 16 years :: many enthusiastic customers worldwide

... More on pages 2 and 24

Almost any programming language

Changeover is no problem

... More on page 6

Many barcode formats

Also 2D barcodes (Professional Edition upwards) :: no barcode fonts required

... More on page 13

Print+Preview+Export = 1 code

Comprehensive export formats, e.g. PDF, HTML, RTF, Excel ...

... More on page 16

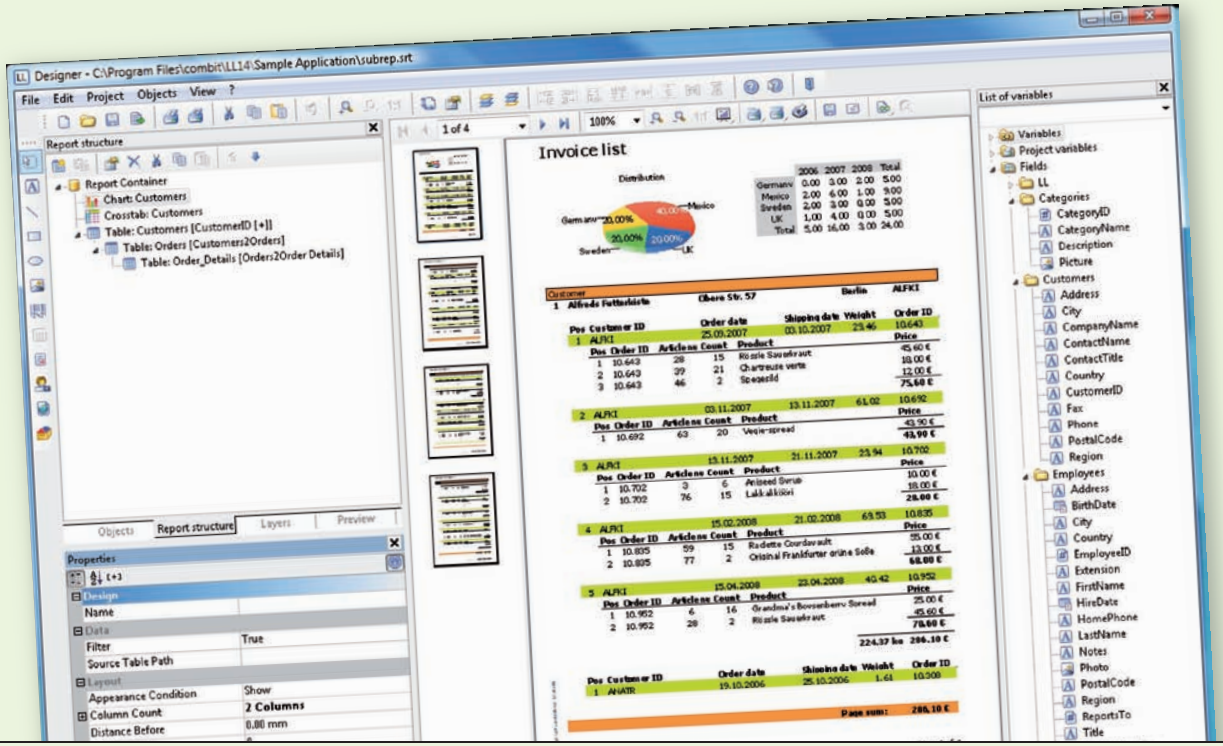
The best component of the year, 2007
Reader selection: "dotnetpro"

The best reporting tool of the year, 2007
Reader selection: "dot.net magazin"
For the 3rd time in a row

The best reporting tool of the year, 2007
Reader selection: "entwickler magazin"
For the 4th time in a row

The Program’s Heart from a User's Viewpoint

List & Label Designer :: Drag & Drop :: A variety of styles :: Real data preview



The List & Label Designer, new with integrated real data preview. Everything a reporter’s heart desires, universally deployable.

Your benefit

Added value to your program, freedom & flexibility for the user

Designer included for end users

With the List & Label Designer

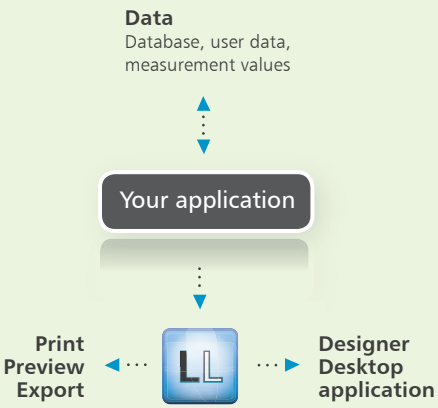
you enhance your application quickly to include powerful functions, create competitive advantages and provide the end users with the flexibility they need. And you can customize the Designer to match your application almost perfectly in your selection of dialog design.

In all three editions – Standard, Professional and Enterprise – you may pass on the Designer with most desktop applications without paying extra license fees. In the Enterprise Edition, runtime is also included for most server/web server applications.

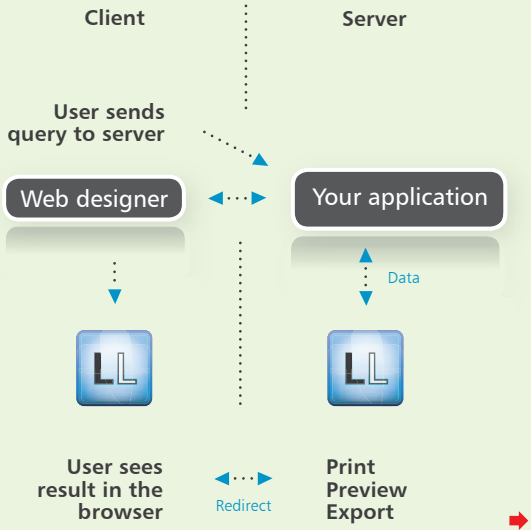
➡ **Find out more at www.combit.net/en/Licensing**

List & Label Functional Principle

Data transfer :: Data binding :: Database independence :: Components



A typical desktop application: either with .NET, Delphi or C++ Builder and data binding or database independent: then your application passes on the data to List & Label



Server or web server application: you only need to plan an interface in your web application to create reports. Unlimited runtime license for server and web server application included in Enterprise Edition! Web reporting demo at **www.combit.net/en/webreporting**

Databound

.NET You have the free choice of any data access object. Whether it's a DataSet, DataView-Manager, DataReader, DataTable or all kinds of enumerations, or generic lists you require – List & Label is quickly and easily bound to data. All kinds of data relations between tables are evaluated and transferred. Excellent online help provides added assistance for quick implementation.

VCL Whether ADO Record set or BDE - each derivative from TDataSource can be easily linked. Here too, the master/detail relations are automatically evaluated and transferred.

Database independent

It's quickest with data binding of course. But database independence has considerable advantages!

- Direct data transfer. You are completely independent of specific database formats. You control data transfer and create the interface by yourself.
- Pure speed. No need to load the database driver twice – not even one database is required.
- Numerous databases – one report. This saves time and ensures that your application can be used universally. SQL Server, Sybase etc., everything with one project file!
- Stability. Your reports continue to be fully operational when a field is added to the database.
- No-frills redistribution. No installation of database drivers at the end user's machine. Redistribution is dead easy and the package is so handy. You're ready to go with approximately 20 MB!

Application

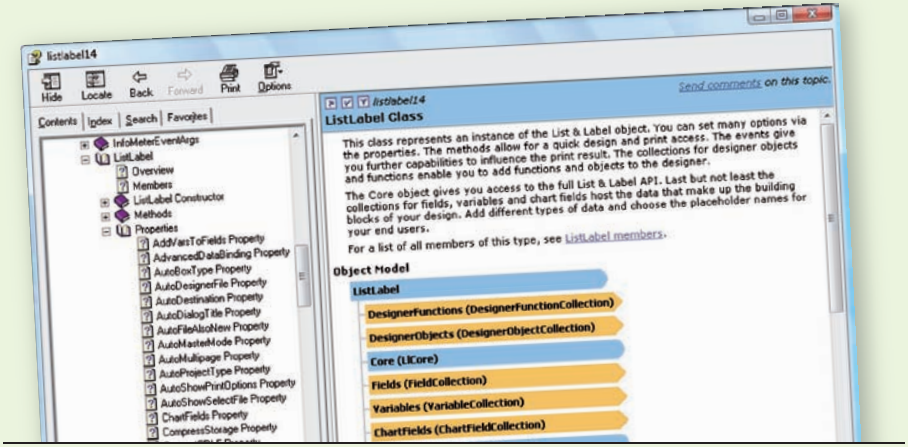
.NET :: C++ :: Delphi & Co

With almost any programming language

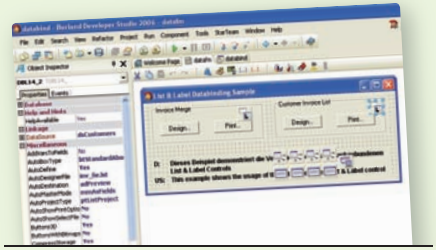
Your benefit

Universally applicable

Change the language to suit the project: it's no problem!


listlabel14
Hide
Locate
Back
Forward
Print
Options
Contents
Index
Search
Favorites
ListLabel Class
Send comments on this topic.
This class represents an instance of the List & Label object. You can set many options via the properties. The methods allow for a quick design and print access. The events give you further capabilities to influence the print result. The collections for designer objects and functions enable you to add functions and objects to the designer.
The Core object gives you access to the full List & Label API. Last but not least the collections for fields, variables and chart fields host the data that make up the building blocks of your design. Add different types of data and choose the placeholder names for your end users.
For a list of all members of this type, see ListLabel members.
Object Model
ListLabel
DesignerFunctions (DesignerFunctionCollection)
DesignerObjects (DesignerObjectCollection)
Core (LICore)
Fields (FieldCollection)
Variables (VariableCollection)
ChartFields (ChartFieldCollection)

.NET Online help



List & Label in Delphi

Programming languages

- .NET [7]
- Access [1]
- AcuCobol [6]
- Alaska Xbase++ [2]
- Asymetrix Toolbook [3]
- C# (via special .NET components) [7]
- C/C++ (examples for VC++) [4]
- C++ Builder [9]
- C# Builder [7]
- Centura SQL [3]
- Clarion [3]
- Cobol [6]
- Delphi (as of Delphi 2009, minimum requirement is the Professional Edition) [5]
- Delphi for the MS .NET framework [11]
- Excel (VB partially applicable) [6]
- Java [10] (only available together with Professional Edition and upwards)
- Lotus Script [3]
- Open Watcom C/C++ [3]
- PowerBuilder [3]
- Progress ProVISION [6]
- Visual Basic [8]
- Visual Basic .NET (via special .NET components) [7]
- Visual C++ [4]
- Visual DataFlex [12]
- Visual dBASE [12]
- Visual FoxPro [13]
- Visual Objects [13]
- WinWord (VB partially applicable) [6]

1 Declaration file, 2 examples
2 Declaration file, 3 examples
3 Declaration file
4 Declaration file, 10 examples VC++
5 VCL, 19 examples
6 Can be integrated
7 .NET components, 20 examples respectively
8 Declaration file, 14 examples
9 VCL, 11 examples
10 JNI-DLL, 2 examples
11 Declaration file, 5 examples
12 Own components, 1 example
13 Declaration file, 1 example

Information as of September 2008
You can integrate L&L into all DLL API compatible languages yourself. Please ask us if you think anything is missing from the list.
T +49 (0) 7531 90 60 10

Programming Examples

Starting the Designer :: .NET :: Delphi :: C++ :: Visual Basic

.NET

```
protected void button1_Click
   (object sender, System.EventArgs e)
{
   try
   {
      // Link to a DataSet object
      LL.SetDataBinding(myDataSet,
      "Orders");

      // Set properties (optional)
      LL.AutoDesignerFile = "subrep.lst";
      LL.AutoProjectType = LlProject.List;
      LL.AutoDialogTitle = "example";
      LL.AutoShowSelectFile = true;

      // Start the Designer
      LL.Design();
   }
   // Catch exceptions:
   catch (ListLabelException LlException)
   {
      MessageBox.Show("Information: " +
         LlException.Message,"Information",
         MessageBox.IconInformation
         |MessageBox.OK);
   }
}
```

C++

```
// Define special fields,

// normal text field
LLDefineFieldExt(job, "Text", "Testtext", LL_TEXT, NULL);

// footer fields, e.g. numeric
LLDefineFieldExt(job, "subtotal", "12.34", LL_NUMERIC | LL_TABLE_FOOTERFIELD, NULL);

// Barcode fields
LLDefineFieldExt(job, "BC_EAN_128", "123456789abcd", LL_BARCODE_EAN128, NULL);

// variable graphics via file names
LLDefineFieldExt(job, "Normal image", "sunny.bmp",LL_DRAWING, NULL);

// File selection dialog with sketch
LLSelectFileDlgTitleEx(job, hWnd, "File selection", LL_PROJECT_LIST, szFile,sizeof(szFile),
NULL);

// Remove specific menu commands from Designer
LLDesignerProhibitAction(job, 211);

// Start the Designer with the above fields:
LLDefineLayout(job, hWnd, "Title", LL_PROJECT_LIST, szFile);
```

Delphi

```
{Start Designer}
procedure
TForm1.DesignButtonClick(Sender: TObject);
begin
     //Assign data source
     LL.DataSource := dsCustomers;

     //The customer master data should be
     //registered as fields
     LL.AutoMasterMode := mmAsFields;

     //Set standard project names
     LL.AutoDesignerFile := 'subrep.lst';

     //Set print mode to PreviewControl
     LL.AutoDestination := adPreview;

     //Designer
     LL.AutoDesign('Invoice List', '');
end;
```

Visual Basic

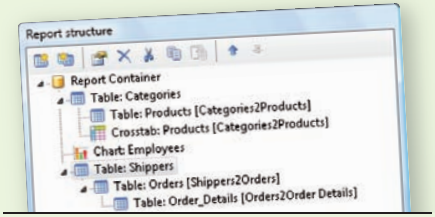
```
Private Sub ButtonDesign_Click()
   'starts the Designer with the title, "Invoice" and the file, "Invoice.lst":
   ListLabel1.Design(0, hWnd,_"Invoice", LL_PROJECT_LIST,_"Invoice.lst", 1)
End Sub

The Event ListLabel1_CmndDefineFields is used for the data definition.
```

Your benefit

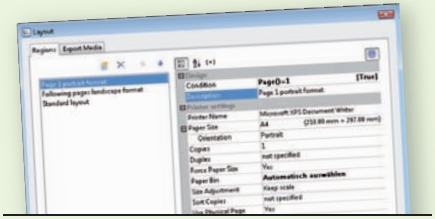
Components? DLL?
You can choose whatever you like.
Quickly integrate the components,
.NET, VCL or ActiveX/OCX or enjoy pure
flexibility by implementing DLL.

The Designer in Detail

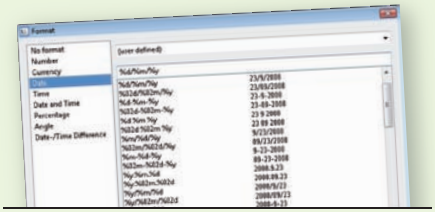
Intuitive Operation :: Comprehensive :: Universal



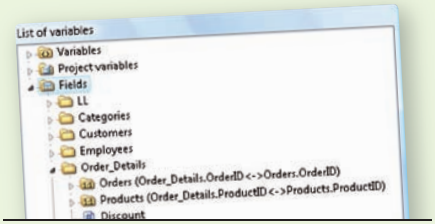
Flexible report structure



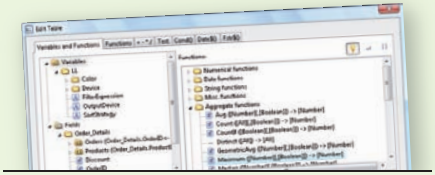
Different layout regions



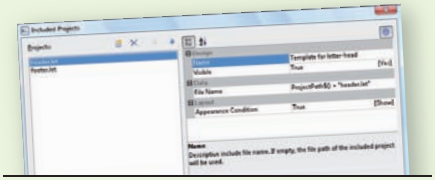
Format Editor



Variable list



Formula assistant - even applicable aside from List & Label in the Enterprise Edition



Included Projects

Even less experienced users are soon familiar with the intuitive handling via Drag & Drop. A whole page is a whole page and not a conglomeration of different sections. Rulers, ruler guides, zoom, grouping functions and other well known helpers make it easier for you and your users.

Real data preview is now directly integrated, as well as print and export. Short ways save your time.

The ergonomic tool windows including properties, variables, objects, layers, preview and the powerful report container enable you to dock or float them as you please.

Different layout regions – enable you to mix: page 1 on printer 1, followed by landscape format on printer 2, the last page to a billing printer. Even possible: changing by condition.

Use the formula assistant – almost everywhere – to simplify your life and include formulas in commercial forms, line filters in lists etc. What's special: you can supply your own explanation texts on the variables and easily find functions and fields using the provided filter.

Add custom functions and actions using the .NET, VCL and OCX components. The user won't be able to tell them apart from the regular List & Label functions.

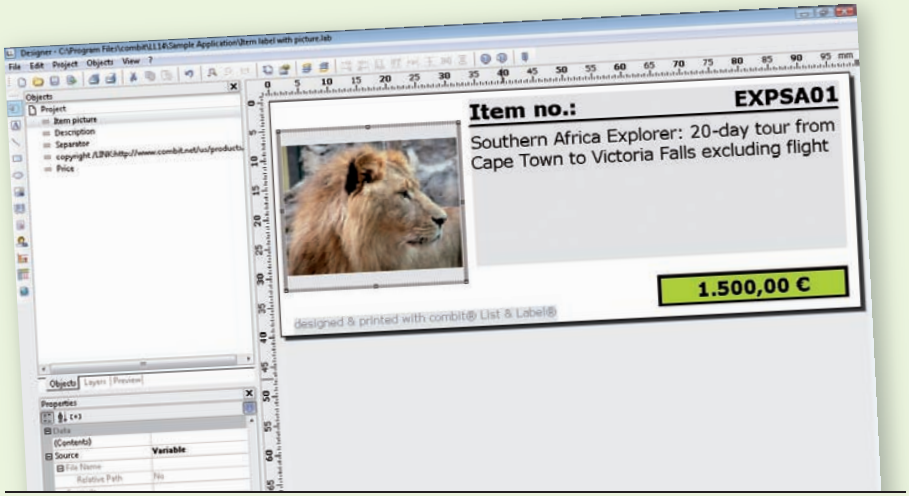
With the format editor simply select a template and have everything formatted swiftly: "That's what it should look like afterwards." That's what Office users are accustomed to.

Included Projects save time when object groups occur unchanged in several different projects, e.g. letter heads.

Your benefit

Simply enrich your application with added value

Everything you need to design reports professionally


Item no.:
EXPSA01
Southern Africa Explorer: 20-day tour from Cape Town to Victoria Falls excluding flight
1.500,00 €
designed & printed with combit® List & Label®

A label project in the Designer

Labels and forms: a strong point.

Simply fill out one of the over 2000 standard label templates provided by international manufacturers (Avery, Badgepoint, Boeder, Devauzet, ERO, Herlitz, Herma, Leitz, May+Spiess). In addition, further sizes can be defined as required. Alongside standard functions, such as font type and line pitch for each line, you benefit from real high-end functions: Suppress unwanted empty rows and characters, leave out used labels from printing and determine printing orders.

When filling out existing forms

save yourself the bother of measuring everything by using the special form template object to blend a scanned form into the background. Position the objects on top – with precision of 1/1000 inch!

Additional Features of the Designer

DTP control with 3 design modes: Layout, layout preview and preview incl. own zoom

Precise! Position exactly up to 1/1000 mm or 1/1000 inch.

Align several objects next to each other via the menu or via shortcuts

Free positioning grid and "snap to grid"

Turning texts and barcodes in 90° steps

Intelligent **context menus**

Appearance conditions for layers, individual objects and multiple objects at the same time, or combined

Sum variables, optionally as groupsums, pagesums or projectsums

User variables e.g. to back up interim formulas, "formula components"

Variable names quickly localized via translation tables.

➡ More on page 20

Over 130 functions and 20 operators for calculations, conditions and filters and also your own functions if one of the components is applied

Designer Objects Table, Crosstab & Co.

Reports :: Subreports :: Multi tables :: Crosstabs

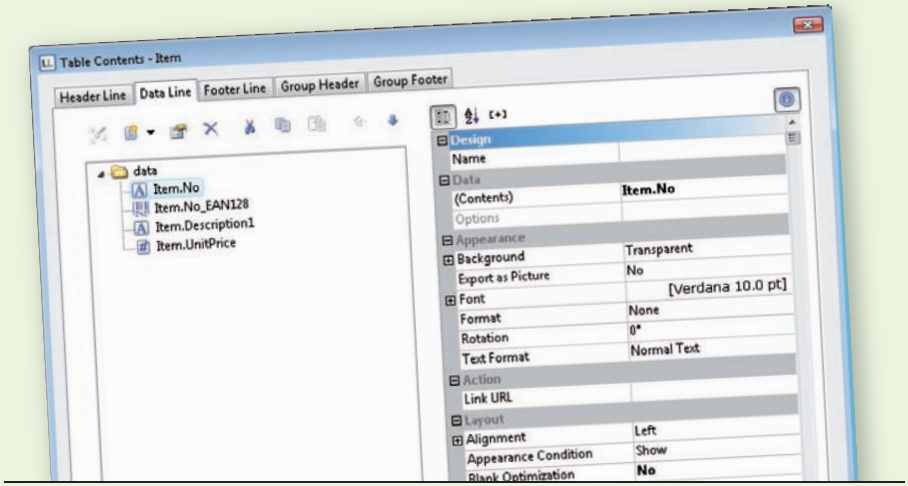
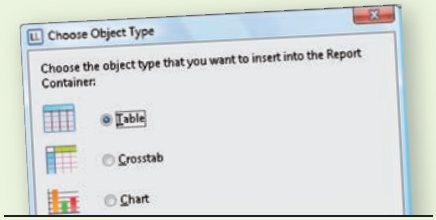
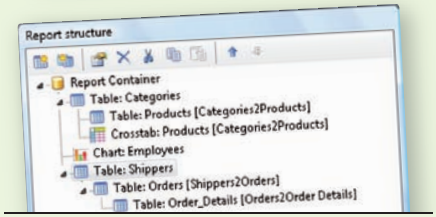


Table properties



Object selection for report container



Report structure

Well equipped for even the most daring leaps and bounds with the report container. With one of our Multi Tab examples or with List & Label data binding for .NET or VCL you start arbitrary sequences using the same code:

- Tables and subtables or multi tables/subreports
- Tables, charts and crosstabs
- Charts in table columns
- Free text, pictures, barcodes or variable contents

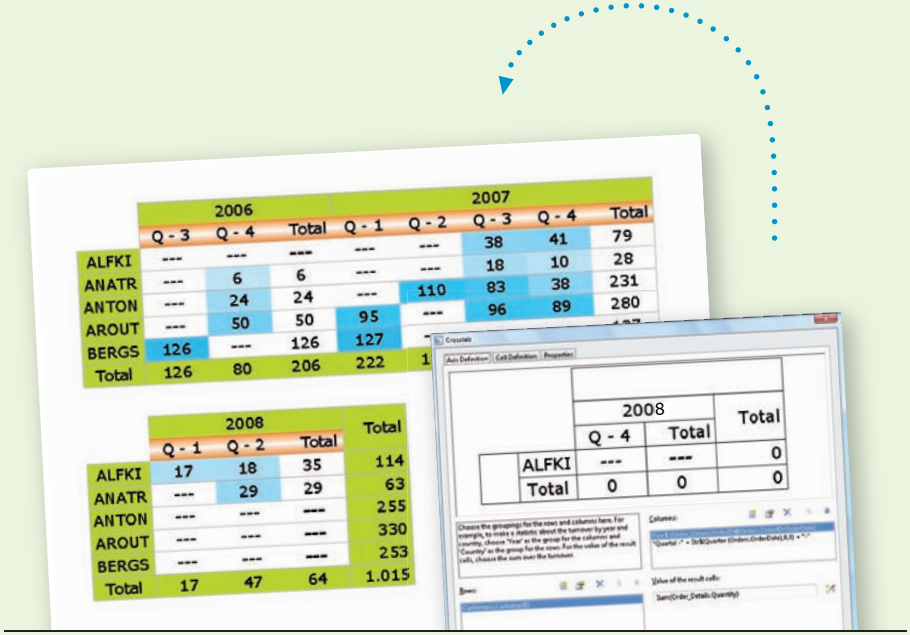
That's flexibility pure and simple. Even charts in table columns are under your full control! You specify where the data should come from, and the rest is handled by List & Label.

With the help of multi tables/subreports you can clearly represent evaluations, for example, about customers, orders and details of orders: structures that are usually located in relational databases. Special commands enable you to pass database tables complete with all relations and sortings to List & Label, and handling with relational databases in the Designer is just fun. Passing data via data binding in combination with .NET or VCL is so simple: 1:n relations are automatically passed and can even be broken down in reverse into 1:1 relations. Tables, crosstabs and charts are integrated as stand-alone objects. But you'll reap full approval when you involve the report container.

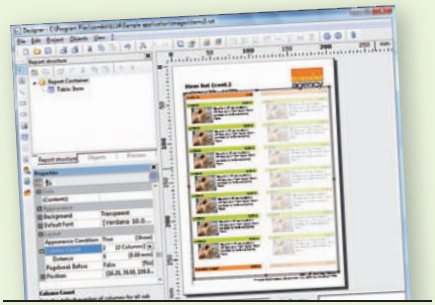
Your benefit

Ready for almost all conceivable tasks

Space for creative reports



Definition of and results from crosstabs



Multiple-column tables

Powerful table object

The table object does almost everything! It's got a separate area for everything – header, data row, group header, group footer and footer and a general table layout. It can all be separately configured. Columns are pulled to the width you want or adjusted precisely in the dialog window. Overlapping titles across two columns, multiple page and multiple columns in tables: it's all absolutely no problem! Distracting data rows are simply blended out during design. Use the Designer to easily group your data. Multiple data lines enable your program to switch between different layouts.

The crosstab object combines data in several dimensions and answers questions such as "how are product sales distributed over a number of years; how are product sales distributed across staff?" You can also map more complex structures by inserting additional levels. An assistant supports you in creating them. To make calculations easier in crosstabs, a number of special functions are available to help you. And you really let rip with all your design ideas.

Designer Object Chart

Diagrams :: Lines :: Pie charts :: Bars :: Cone diagrams :: Octahedron diagrams

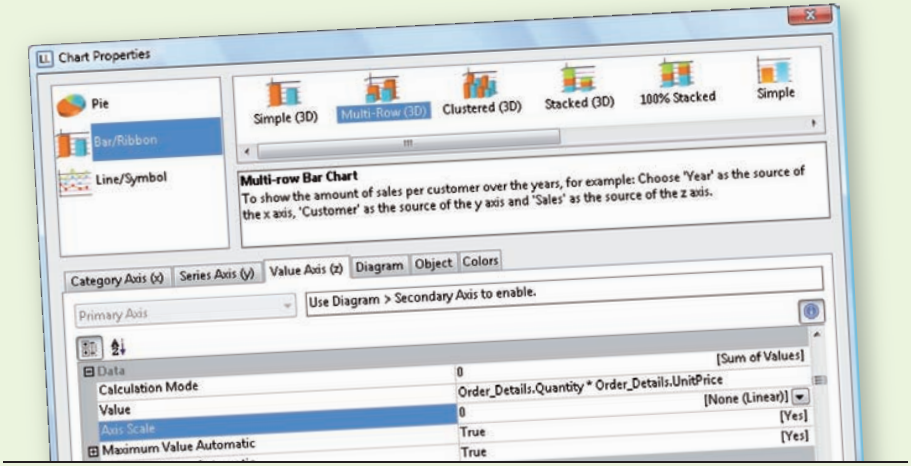


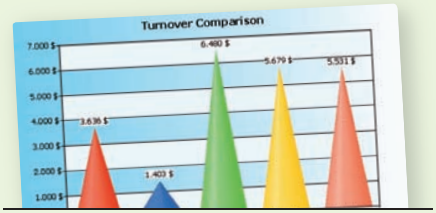
Chart definition

Your benefit

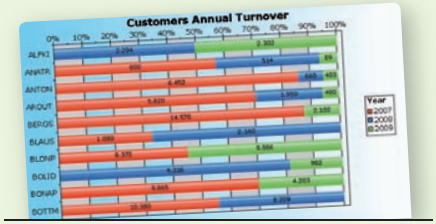
Impressive visualization of figures

Appealing design

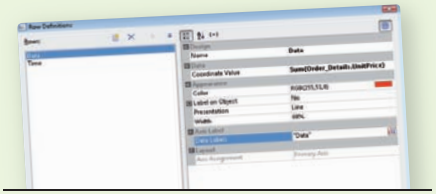
The chart function livens up your reports. The data for reports and charts is usually only prepared once.



Labeling directly in the chart



Horizontal bar charts



Rows inside the chart object

The charts can be turned around both axes – there are bar charts (vertical and horizontal) pie charts, cone charts, octahedrons, lines and variants in 2D/3D, multi-row, clustered, stacked or as a simple version. Choose fixed colors, see pie charts in an exploded view, label charts, print long axis labels diagonally, define several y-axes and scale the axes logarithmically. There must be something here you'll find useful for your graphical evaluation!

Designer Barcode Object

2of5 :: Code39 :: EAN :: DataMatrix :: PDF417 :: QR :: ...

The barcode object supports more than 40 barcode formats. This surely makes List & Label one of the leading report generators. No barcode fonts are required. For best results you set both the bar width as well as the bar ratio if the barcode type permits.

Barcode formats

- 2of5 (Interleaved / Industrial / Matrix / Datalogic)
- 3of9 alias Alpha 39 alias Code39 (with/without CRC)
- Codabar
- Code 11
- Code 93/Code 93x 0
- Code 128
- Deutsche Post Identcode
- Deutsche Post Leitcode
- EAN-8/JAN-8
- EAN-13/JAN-13
- EAN-13 P2 (ISSN) magazines
- EAN-13 P5 (Bookland, ISBN) books
- EAN-128
- German Parcel
- ISBN
- Japan. Postcode
- KIX, The Netherlands. Postcode
- MSI / MSI Plain / MSI + 10 + 10
- MSI + 10 + CD / MSI + 11+10
- NVE / SSCE
- PZN Royal Mail, UK Postcode
- UPC-A/E
- US-FIM
- US-Postnet

Additional 2D barcodes in the Professional and Enterprise Edition

- PDF417
- Maxicode
- DataMatrix
- Aztec
- QR

The key: the 2D barcode, QR, can be read by modern cell phones

Additional 2D barcodes in the Professional and Enterprise Edition

Your benefit

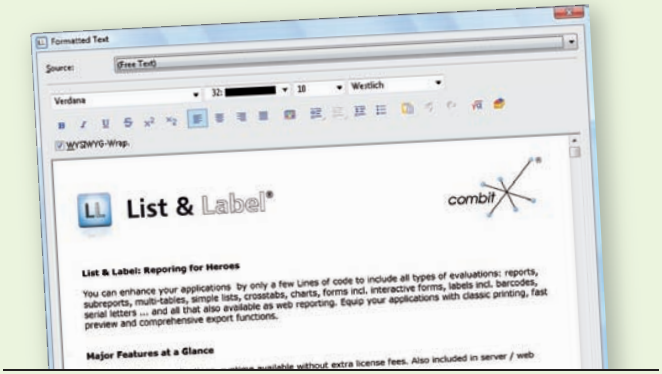
Typical barcode formats supported

No barcode fonts required

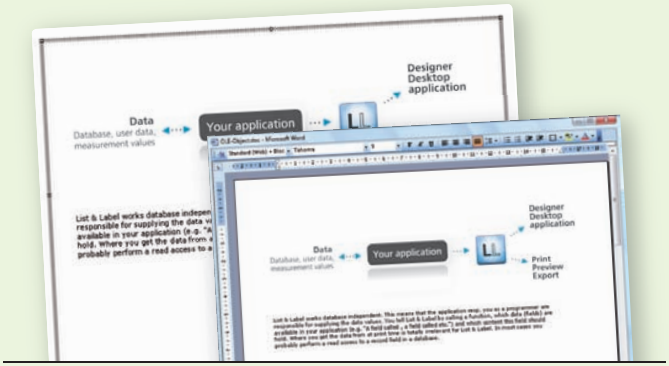
Many barcode formats

More Designer Objects

RTF :: OLE :: own :: HTML :: Text :: Graphics


Formatted Text
Source:
(Free Text)
Verdana
Westlich
WYSIWYG-Wrap
List & Label
combit
List & Label: Reporing for Heroes
You can enhance your applications by only a few Lines of code to include all types of evaluations: reports, subreports, multi-tables, simple lists, crosstabs, charts, forms incl. interactive forms, labels incl. barcodes, serial letters ... and all that also available as web reporting. Equip your applications with classic printing, fast preview and comprehensive export functions.
Major Features at a Glance

RTF Editor



Word document in the OLE container

With the RTF Designer object you generate not only reports but also serial letters and similar. Since you can link several RTF objects and have them overflow into each other the layout options, such as multiple columns, image and table circulations are all available.

Use the RTF control to offer users a small text processor, for example. Start the RTF Editor as an independent control or integrate the Inplace Control as part of the .NET, VCL and OCX components in your dialogs. This way you keep the users away from the Designer, for example, and allow text input only via RTF control.

The OLE object is a container for OLE server documents. This is how you integrate Word, Excel and Visio files and benefit from their functionality. A double-click in the Designer activates the respective program; modifications are displayed immediately. As a matter of principle: only single page documents.

Your own objects can be integrated with the List & Label .NET, VCL and OCX components without this being apparent. In other programming languages, this is realized via callback and callback dialog events.

Additional objects

- **HTML** objects
- **Text** objects
- **Lines, rectangles, circles, ellipse** objects
- **Graphic objects**, formats: WMF, BMP, PCX, TIF, JPEG, GIF, EMF, PCD, DIB, RLE, PNG
- **Form control** objects: Completed by the user in the print preview
- **Form template** object: Graphic, e.g. scanned bitmap, as a help for positioning in the background

Object Model for Projects - DOM*

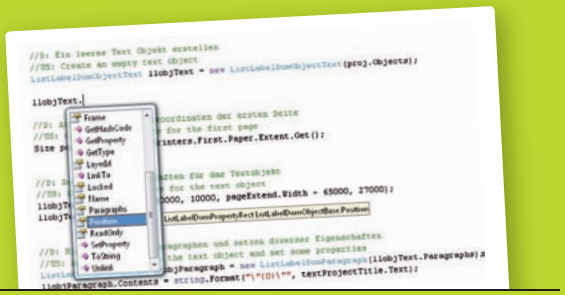
Manage Designer properties via code

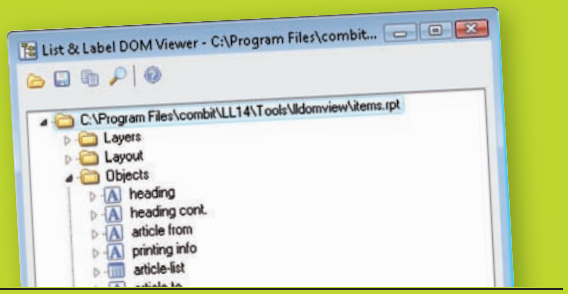
Your benefit

You offer the users luxurious convenience with adjustments being made almost automatically

Experience boundless opportunities, with the dynamic creation of projects, with your own project wizard or a slimmed-down Designer. With .NET and VCL it is exceptionally smooth, but it works just as well with other programming languages. **Now also the other way round!** Properties, individual objects and even complete projects can be simply generated as DOM code for .NET.

How about a project assistant that adapts the project templates to the end user's requirements even before the Designer opens? That means, for example, that a user only selects certain fields from your database for an invoice, and by opening the Designer, the invoice project is practically ready with address field and item list already filled out.





"Create a new project including a report container and table, called *Products*, and fields", here in C#:

```
Proj.Open(@"c:\Reports\product.lst", LlDomFileMode.Create,
  LlDomAccessMode.ReadWrite, true);

ListLabelDomObjectReportContainer container=new
  ListLabelDomObjectReportContainer (Proj.Objects);
container.Position.Left = "0";
container.Position.Top = "0";
container.Position.Width = "150000";
container.Position.Height = "200000";

ListLabelDomSubItemTable table = new ListLabelDomSubItemTable
   (container.SubItems);
table.TableID = "Products";

ListLabelDomTableLineData dataLineNew = new
  ListLabelDomTableLineData(table.Lines.Data);
dataLineNew.Name = "Created dynamically" ;

ListLabelDomTableFieldText textCol = new
  ListLabelDomTableFieldText (dataLineNew.Fields);
textCol.Contents = "Product.No" ;

ListLabelDomTableFieldBarcode barcodeCol = new
  ListLabelDomTableFieldBarcode (dataLineNew.Fields);
barcodeCol.Contents = "Barcode(Product.No, 'PDF417')";

Proj.Save();
Proj.Close();
```

In this manner, all sum variables can be output, here in Delphi:

```
domPrjList.Open('article.lst', fmOpenOrCreate);

for i := 0 to domPrjList.SumVariableList.Count - 1 do
  ShowMessage(domPrjList.SumVariableList[i].Name + '=' +
    domPrjList.SumVariableList[i].Content);

domPrjList.Close;
```

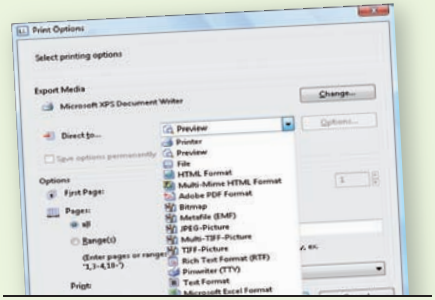
This is how each first paragraph of a text object is output:

```
domPrjList.Open('article.lst', fmOpenOrCreate);

for i := 0 to domPrjList.ObjectList.Count - 1 do
begin
  if domPrjList.ObjectList[i] is TLlDOMObjectText then
    ShowMessage((domPrjList.ObjectList[i] as
      TLlDOMObjectText).Paragraphs[0].Contents);
end;

domPrjList.Close;
```

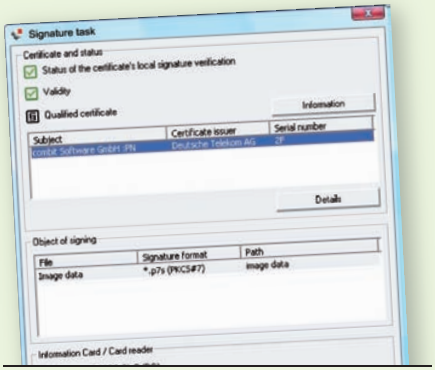
* in the Professional and Enterprise Edition

Output

Print :: Print preview :: Export



Everything in one dialog



Export & Sign

The output options with List & Label are classic printing, print preview and export.

The difference between these three is one single parameter, the rest is done automatically. A lot of added value for your application, which you make easily available to the end users! More on this topic on the following double-page.

Export & Sign. To provide your customers and users with digital signatures functionality, we got together with the people from secrypt and e•siqia to support their digital signatures directly from List & Label. The prerequisite is, of course, that digiSeal® office from secrypt GmbH or OPENLIMIT® SignCubes software plus license key from e•siqia Holding AG are installed on the user's computer.

In principle, you sign multi-TIFFs, text files and PDFs. Depending on the signature type, the result comprises one or more files. You change the signature format by API. The recipient can always check to see if anything has been changed since the signature. To this purpose, secrypt and e•siqia have made signature validators available free of charge.

Print+Preview+Export = 1 code

Signed PDF files

Programming Examples

Printing :: .NET :: Delphi :: C++ :: Visual Basic

.NET

```
private void button2_Click(object sender,
  System.EventArgs e)
{
  try
  {
    // Link to a DataSet object
    LL.SetDataBinding(myDataSet, "Orders");

    // Set properties (optional)
    LL.AutoDesignerFile = "supreport.lst";
    LL.AutoProjectType = LlProject.List;
    LL.AutoDialogTitle = "example";
    LL.AutoShowSelectFile = true;

    // Start printing
    LL.Print();
  }
  // Catch exceptions
  catch (ListLabelException LlException)
  {
    MessageBox.Show("Information: " +
      LlException.Message,"Information",
      MessageBox.IconInformation |
      MessageBox.OK);
  }
}
```

Delphi

```
{Call up print}
procedure TForm1.PrintButtonClick(Sender:
  TObject);
begin
  //Assign data source
  LL.DataSource := dsCustomers;

  //The customer master data should be
  registered as
  //fields
  LL.AutoMasterMode := mmAsFields;

  //Set standard project names
  LL.AutoDesignerFile := 'subrep.lst';

  //Set print mode to PreviewControl
  LL.AutoDestination := adPreview;

  //Print
  LL.AutoPrint('Invoice List', ");
end;
```

C++

```
//============================
void CMainFrame::DoLabelPrint()
//============================
{
  // Normal text variable
  LLDefineVariableExt(job, "Text","Testtext",
    LL_TEXT, NULL);

  // Numeric variable
  LLDefineVariableExt(job, "Subtotal",
    "12.34", LL_NUMERIC, NULL);

  // Barcode variable
  LLDefineVariableExt(job, "BC_EAN_128",
    "123456789abcd",
    LL_BARCODE_EAN128, NULL);

  // variable graphics via file names
  LLDefineVariableExt(job, "Image",
    "logo.bmp", LL_DRAWING, NULL);

  // Start printing
  LlPrintWithBoxStart(job,
    LL_PROJECT_LABEL, szFile,
    LL_PRINT_EXPORT,
    LL_BOXTYPE_BRIDGEMETER, hWnd,
    "Printing...");

  //Print label
  LlPrint(job);

  // End printing
  LlPrintEnd(job,0);
}
```

Visual Basic

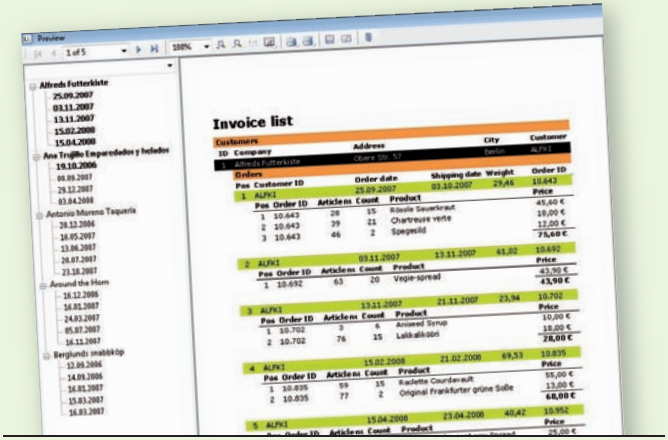
```
Private Sub ButtonPrint_Click()

  'Prints the project "test.lst" on
  'printer
  Data1.Recordset.MoveFirst
  ListLabel1.Print(0, LL_PROJECT_LIST,
    "test.lst",_True, LL_PRINT_NORMAL,_
    LL_BOXTYPE_NORMALWAIT, hWnd,_
    "Print, True, Environ$("temp"))

End Sub

Private Sub ListLabel1_CmndDefineFields(ByVal
nUserData As
  Long, ByVal bDummy As Long,
  nProgressInPerc As Long, pbLastRec
  As Long)

  'This event is triggered by the print
  'and design command. It is called for each
  'data record in order to transfer fields and
  'their content to List & Label
  'Repeat for all fields
  'belonging to a data record:
  For i = 0 To
    Form1.Data1.Recordset.Fields.Count - 1
    content$ = Data1.Recordset.Fields(i)
    nRet = ListLabel1.LlDefineFieldExt _
      (Data1.Recordset.Fields(i).Name,_
      content$, LL_TEXT)
  Next i
  'Go to next data record
   Form1.Data1.Recordset.MoveNext
  'If there are no more data records
  'printing is ended.
  If Form1.Data1.Recordset.EOF = True Then
pbLastRec = 1
  End If

End Sub
```

Your benefit

A lot of added value and flexibility for the end user with little time and trouble involved for you.

Print Preview

Check :: Print :: Send :: Export



Real data preview with index

Print preview with slideshow mode

The real data preview is used integrated into the Designer or separately. For preview you zoom smoothly into the page and then start a print or export, or save the data or send it via e-mail. Even for large projects you get fast results: check out the first page while the print job runs in the background.

To assist your organizing, create an index - as you are used to with PDF.

Good for interactive forms. You simply position a form control, in the Designer where the user should enter his input. This is then exported right away e.g. to XML, and then be returned for evaluation, e.g. sent to a web server.

Great for presentations. No detours, get straight to your goal: from your evaluation to an attractive presentation, full-screen image including typical slide transitions.

Super for your own dialogs. Part of the component is an Inplace Preview control.

With the Viewer the recipient double-clicks the print preview file to look at it, print it and forward it. You can distribute the Viewer without having to pay any additional license fees! Apart from that you have everything you need to create your own Viewer.

The WPF viewer allows the seamless integration of List & Label output into your Windows Presentation Foundation / application.

The Internet Viewer – a special OCX/ActiveX object – also serves as a print previewer and can be adjusted variably to suit your needs. OCX/ActiveX has a digital signature.

Additional Output Features

Dispatch via e-mail :: Send print preview and export files directly via MAPI, XMAPI or by SMTP :: Compress preview files as you require :: Text e-mail with attachment or homogenous HTML e-mail

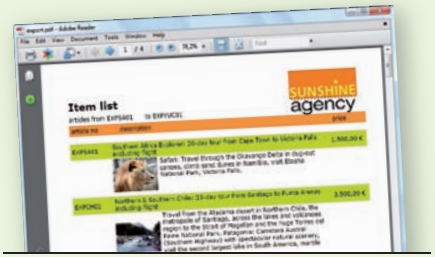
Monitor print job :: After transfer to spooler :: events in the .NET, VCL and OCX components (Windows 2000 and up/newer) :: otherwise via callback

Endless labels and endless forms :: Instead of layout-oriented text export send text directly to the matrix printer, past the print driver :: optimal performance when using endless labels and endless forms

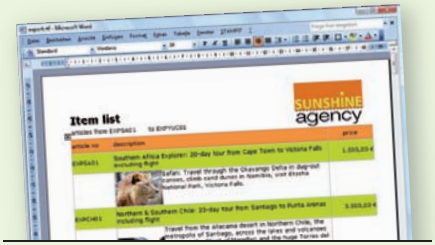
Export

PDF :: HTML :: Excel :: RTF & Co

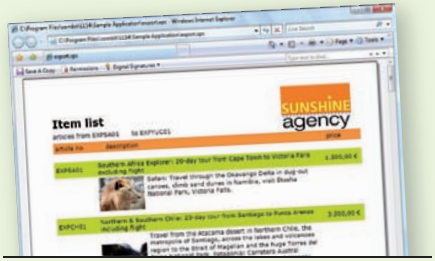
HTML export result in Internet Explorer



PDF Export result in Adobe Reader



RTF export result in Word



XPS export result in Internet Explorer

Comprehensive export formats

Export Formats

PDF export :: Fast :: practical files :: up to 128 bit encryption :: optionally allow or forbid individual printing, processing and copying events :: in order to optimize the file size, embed fonts, or optionally only the used characters

RTF export :: Text position is also possible via text boxes for optimal further processing in Word

Excel export :: Optionally, simple data export: Table data imported to one spreadsheet; you process a regular Excel project :: optionally, adopt full layout: render the visual appearance as true to detail as possible :: without any OLE mechanisms, therefore independent of an Excel installation :: optionally one worksheet per page, with naming throughout

HTML export :: Cascading Style Sheet (CSS) tags for table frames and to ensure visually attractive results, in particular in individual frame formatting

MHTML :: In comparison to HTML, the result file contains data including images

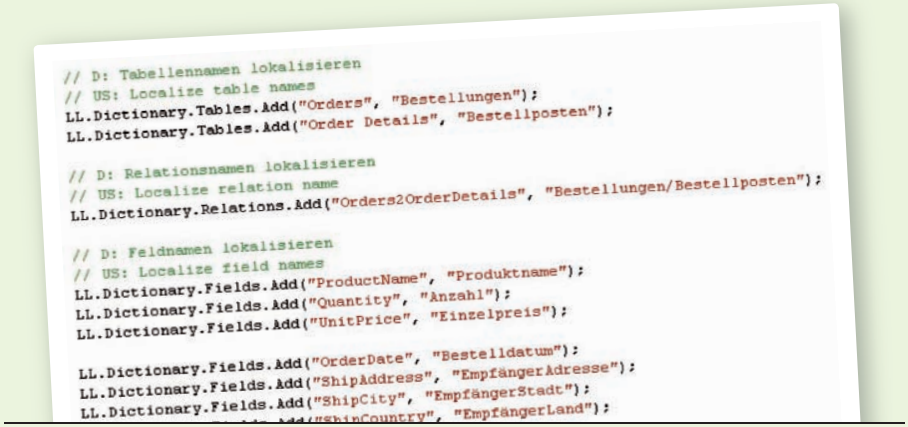
Text export :: Either purely data-oriented : Creation of almost any CSV files (data conversion) :: or layout-oriented e.g. for matrix or continuous printer

TIFF / Multi-TIFF :: Different compression types and qualities

Additional formats :: XML :: JPEG :: BMP :: EMF :: TTY :: ZIP :: XPS

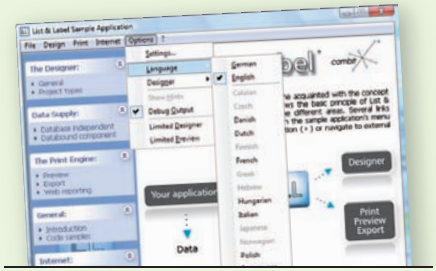
International Projects

Unicode/Multibyte :: Designer in different languages :: Localization of project files



```
// D: Tabellennamen lokalisieren
// US: Localize table names
LL.Dictionary.Tables.Add("Orders", "Bestellungen");
LL.Dictionary.Tables.Add("Order Details", "Bestellposten");

// D: Relationsnamen lokalisieren
// US: Localize relation name
LL.Dictionary.Relations.Add("Orders2OrderDetails", "Bestellungen/Bestellposten");

// D: Feldnamen lokalisieren
// US: Localize field names
LL.Dictionary.Fields.Add("ProductName", "Produktname");
LL.Dictionary.Fields.Add("Quantity", "Anzahl");
LL.Dictionary.Fields.Add("UnitPrice", "Einzelpreis");

LL.Dictionary.Fields.Add("OrderDate", "Bestelldatum");
LL.Dictionary.Fields.Add("ShipAddress", "EmpfängerAdresse");
LL.Dictionary.Fields.Add("ShipCity", "EmpfängerStadt");
LL.Dictionary.Fields.Add("ShipCountry", "EmpfängerLand");
```

Localization of project files



Switch Designer language

List & Label makes it easy to master international markets and enjoy competitive advantages. You'll find we've thought of everything you need.

The unicode-/multibyte capability is part of the Professional and Enterprise Edition. It enables your design and output incl. export to contain Asian, Greek or Russian characters.

Designer language kits fit out the Designer with many languages that are simply switched to when you need them. This makes your application fit for multilingual teams and international markets. When each language kit is available depends on how versions are released as well as on cooperation with our international partners.

Expected to be available in version 14: Danish :: English :: French :: Italian :: Dutch :: Polish :: Portuguese :: Russian :: Spanish :: Czech :: Hungarian

Information as of October 2008. Please contact us if the language you require is not listed.

Localization of project files. Projects are designed once in a specific language and welcome each user in the user's own language. To realize this process, a dictionary is transferred for each language via the API – or even more elegant – you switch on real dictionaries or translation tables that you are already using. This saves you a lot of time. For the same project file, the end user in the U.S. sees the word "ProductName" and in Germany, "Produktname". This works even when the project is modified in Germany, saved, and subsequently sent to the U.S. - the project itself only makes use of language independent abbreviations or, for example, the English names.

Encrypting project files. Particularly when you don't want the Designer to be available for users, you can protect your List & Label files via a password.

Underneath the Peel: Licensing Details

Let Us Back You Up Or Do It Yourself and Save

Everything on the List & Label license

You have the choice of three editions, from light-weight to concentrated power – to suit everyone: The pure *Standard* Edition and two subscription versions, *Professional* and *Enterprise*. Save with the *Standard Edition*, as it does not include support, subscription, DOM and Unicode, however it does include the Designer for end user desktop applications. The all-inclusive *Professional* and *Enterprise Editions* include new versions, support and many mode benefits (see table). For you as a *Professional* or *Enterprise* customer, the following applies: If you have a question, we are available from 9am to 12am and 2pm to 5pm (Central European Time) as long as your subscription is valid. Quality coupled with security – it's so simple! And even the *Standard Edition* doesn't leave you out in the rain. Alongside knowledge base and newsgroups, the services provided by our Support Team are settled on a time and material basis. Or you spontaneously decide to upgrade to the *Professional* or *Enterprise Edition*.

The subscription includes all Service Packs, all feature-updates and all updates to major versions* during the period of validity. We are also available from 9am to 12am and 2pm to 5pm (CET) to answer your support questions by telephone or e-mail. Outside these hours, when reaching our Sales & Service Team, you may ask for a call-back.

The period of validity of your subscription and the related support is one year. If you do not cancel the subscription at a period of notice of 3 months to the end of this contractual year, it is automatically renewed by another contractual year. You don't have to see to it. We back you up even in the most tangled project jungle so you can take care of real heroic deeds.

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List & Label is a license for one developer. Personal, non-transferable, for one developer for installation on one computer or alternately for use on a notebook (Professional + Enterprise). We offer attractive discounts for developer teams. You need several licenses if you want to encapsulate List & Label functions e.g. from your own DLLs/components, which are not covered by our standard license agreement. This can be easily modified by an additional agreement. Don't hesitate to contact our Sales & Service Team.

In the case of project groups, each person involved in a project or product requires a List & Label license. Our basic conditions are fair, however they have not been calculated so as to enable large projects to be covered by a single license. The whole project group must decide which edition they want: Standard, Professional or Enterprise.

Appliance on servers or web servers is subject to a license fee charge for the *Standard* and *Professional* Editions. For each application installation that utilizes an internet protocol for example, or is a web server extension, or is integrated in ASP or PHP pages or is an independent server application, you require the corresponding server/web server licenses if you use the Standard or Professional Edition. The Enterprise Edition includes an unlimited server/web server license.

Please find the combit license agreement at www.combit.net/en/licenseagreement. The most frequently asked questions on the List & Label license at www.combit.net/en/Licensefaq. We are also happy to answer your questions personally!
T +49 (0) 7531 90 60 10

Support directly from the German producer

List & Label 14 Editions	Standard Edition	Professional Edition	Enterprise Edition
Designer for developers	•	•	•
Designer for end users (for most desktop applications, see license agreement)	•	•	•
Applicable in all programming languages, many examples	•	•	•
Print, preview and export in all supported formats	•	•	•
Programmer's reference and Designer user manual, PDF file	•	•	•
Designer documentation as DOC/PDF file, Designer online help as source file	•	•	•
Language kits available: Designer in different languages	•	•	•
Service Packs for one year, access to knowledge base, newsgroups and RSS feed for Service Packs	•	•	•
Subscription for one year incl. feature-upgrades. Automatic renewal, termination up to 3 months before end of year		•	•
Support available via e-mail and telephone for one year. Direct from German manufacturer.		•	•
Support via e-mail and telephone, individual billing on a times and materials basis, € 45/15 minutes plus VAT.	•		
Unicode module for international character sets		•	•
2D barcodes PDF417, Maxicode, DataMatrix/EC200, Aztec and QR-Code		•	•
DOM (object model)		•	•
Alternate usage on developer notebook permitted		•	•
Server/web server license: unlimited number of servers, unlimited number of end users			•
Formula assistant independent of List & Label			•
Preferred handling for support			•
15% Discount on training and customization			•
Exclusive preliminary information on new major versions			•
Participation in beta program of new major versions			•
First year	650 €	1200 €	1800 €
Renewal		600 €	900 €
Upgrade to new major version	390 €	incl.	incl.

Any questions?
Squeeze us for information!

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Mettler-Toledo, Schwerzenbach (SUI)
MTU Friedrichshafen (GER)
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Shell Oil Products, Houston TX (USA)
Siemens, various business locations (GER)
Sony BMG, Zurich (CH)
ThyssenKrupp Stahl AG, Duisburg (GER)
T-Systems, Aachen, Munich (GER)
Toyota Motorsport, Cologne (GER)
Triumph International, Heubach (D) and Bad Zurzach (CH)
Volkswagen Sachsen, Zwickau (GER)

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